

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐
1b. TYPE OF WELL
OIL GAS SINGLE MULTIPLE
WELL ☒ WELL ☐ OTHER ☐ ZONE ☒ ZONE ☐

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
Route #3 Box 3630, Myton, UT 84052 Phone: **(435) 646-3721**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
At Surface **NW/SW 1849' FSL 673' FWL 4439 284 40.10126**
At proposed Prod. Zone **586925 -109.98019**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 15.1 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to.
Approx. 673' f/lse line & 1849' f/unit line

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
Approx. 1399'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5109' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

5. LEASE DESIGNATION AND SERIAL NO.
UTU-76239
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
Canvasback
8. FARM OR LEASE NAME WELL NO
12-23-8-17
9. API WELL NO.

10. FIELD AND POOL OR WILDCAT
Monument Butte
11. SEC., T., R., M., OR BLK
AND SURVEY OR AREA
NW/SW Sec. 23, T8S, R17E
12. County
Duchesne
13. STATE
UT

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Mamie Cox TITLE Permit Clerk DATE 4/29/02
(This space for Federal or State office use)

PERMIT NO. 43-013-32341 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject land which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL DATE 05-21-02
RECLAMATION SPECIALIST III

*See Instructions On Reverse Side

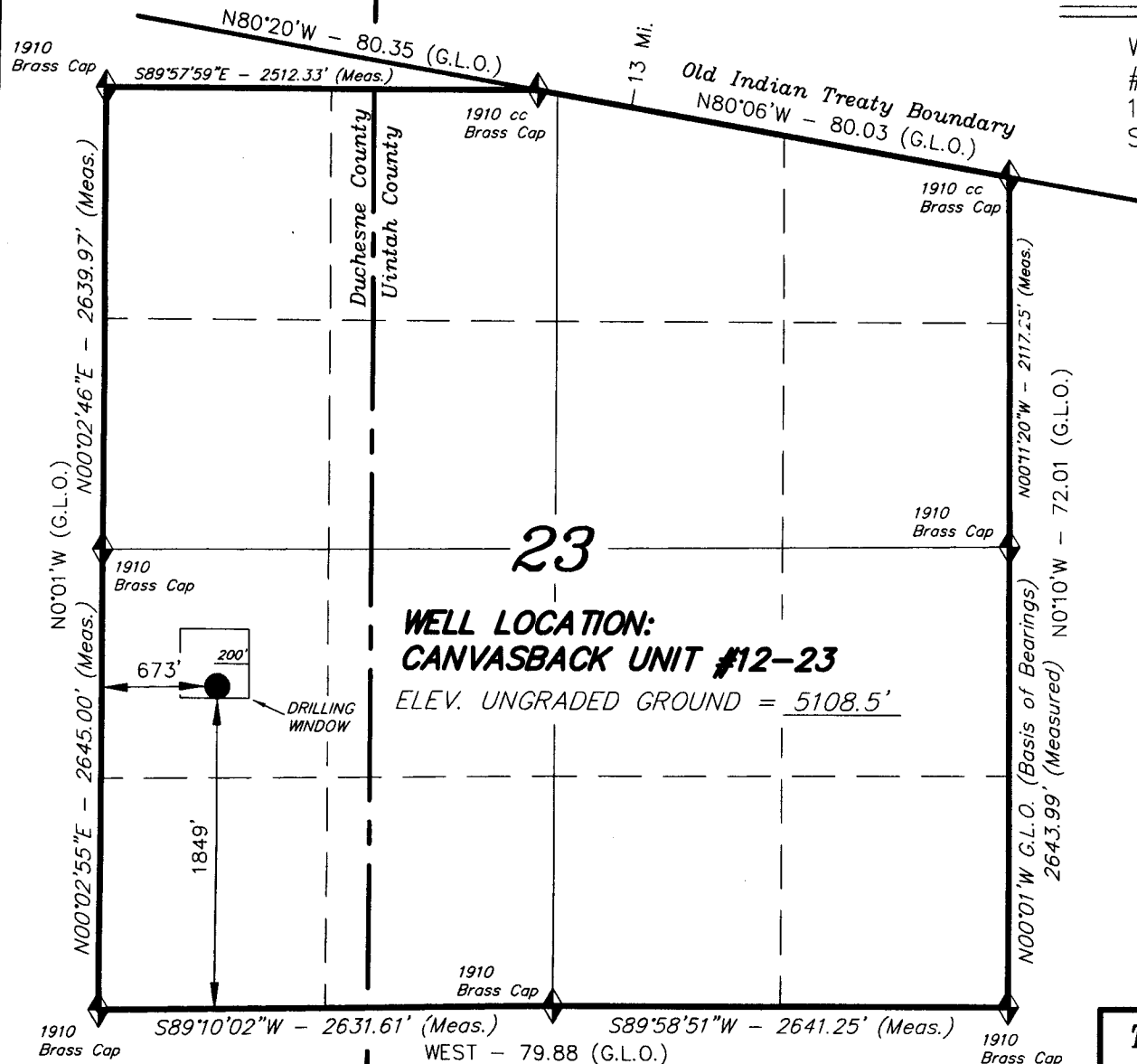
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
MAY 21 2002
BUREAU OF LAND MANAGEMENT

T8S, R17E, S.L.B.&M.

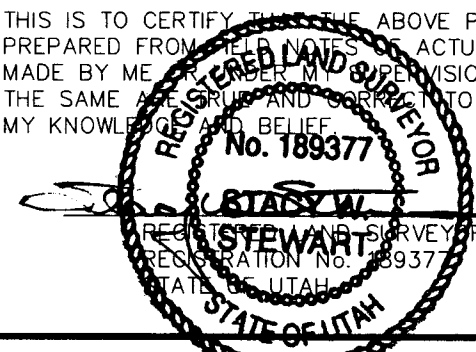
INLAND PRODUCTION COMPANY

WELL LOCATION, CANVASBACK UNIT
#12-23, LOCATED AS SHOWN IN THE NW
1/4 SW 1/4 OF SECTION 23, T8S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:
CANVASBACK UNIT #12-23
ELEV. UNGRADED GROUND = 5108.5'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

SCALE: 1" = 1000'	SURVEYED BY: K.G.S.
DATE: 2-28-02	DRAWN BY: J.R.S.
NOTES:	FILE #

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

RECEIVED

MAY 21 2002

IN REPLY REFER TO:
3160
(UT-922)

May 20, 2002

DIVISION OF
OIL, GAS AND MINING

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2002 Plan of Development Canvasback Unit,
Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2002 within the Canvasback Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
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(Proposed PZ Grrv)

(Proposed PZ Green River)

43-013-32342	Canvasback	4-23-8-17 Sec. 23, T8S, R17E 0590 FNL 0673 FWL
43-047-34567	Canvasback	3-23-8-17 Sec. 23, T8S, R17E 0573 FNL 2104 FWL
43-047-34568	Canvasback	6-23-8-17 Sec. 23, T8S, R17E 2160 FNL 1982 FWL
43-013-32341	Canvasback	12-23-8-17 Sec. 23, T8S, R17E 1849 FSL 0673 FWL
43-047-34571	Canvasback	2-23-8-17 Sec. 23, T8S, R17E 0426 FNL 2150 FEL

Our records indicate that the 2-23-8-17 is close than 460 feet from the unit boundary (Section 23 is irregular). We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Canvasback Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:5-20-02



April 30, 2002

RECEIVED
MAY 02 2002
DIVISION OF
OIL, GAS AND MINING

State of Utah
Division of Oil, Gas & Mining
Attn: Brad Hill
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 1-23-8-17, 2-23-8-17, 3-23-8-17, 4-23-8-17,
6-23-8-17, and 12-23-8-17.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,


Mandie Crozier
Permit Clerk

mc
enclosures

INLAND PRODUCTION COMPANY
CANVASBACK #12-23-8-17
NW/SW SECTION 23, T8S, R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1640'
Green River	1640'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1640' – 6500' - Oil

4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY
CANVASBACK #12-23-8-17
NW/SW SECTION 23, T8S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Canvasback # 12-23-8-17 located in the NW 1/4 SW 1/4 Section 23, T8S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.1 miles \pm to it's junction with an existing road to the east; proceed easterly - 3.7 miles \pm to it's junction with an existing road to the southeast; proceed easterly - 0.6 miles \pm to it's junction with the beginning of the proposed access road; proceed northerly along the proposed access road 590' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Paleontological Resource Survey and Archaeological Resource Survey for this area will be forthcoming.

Inland Production Company requests a 60' ROW for the Canvasback #12-23-8-17 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

Water Disposal

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham

Address: Route #3 Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #12-23-8-17 NW/SW Section 23, Township 8S, Range 17E: Lease UTU-76239 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4/29/02
Date

Mandie Crozier
Mandie Crozier
Permit Clerk

Well No.: Canvasback 12-23-8-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Canvasback 12-23-8-17

API Number:

Lease Number: UTU-76239

Location: NW/SW Sec. 23, T8S, R17E

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL

CULTURAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

PALEONTOLOGICAL RESOURCES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

SOILS, WATERSHEDS, AND FLOODPLAINS

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

WILDLIFE AND FISHERIES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

LOCATION AND RESERVE PIT RECLAMATION

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

The following seed mixture will be used on the topsoil stockpile, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

shadscale

Atriplex confertifolia

3 lbs/acre

Gardner Salt Bush	<i>Atriplex gardneri</i>	3 lbs/acre
Indian ricegrass	<i>Oryzopsis hymenoides</i>	3 lbs/acre
Galleta grass	<i>Hilaria jamesii</i>	3 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place; 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

PIPELINES

Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

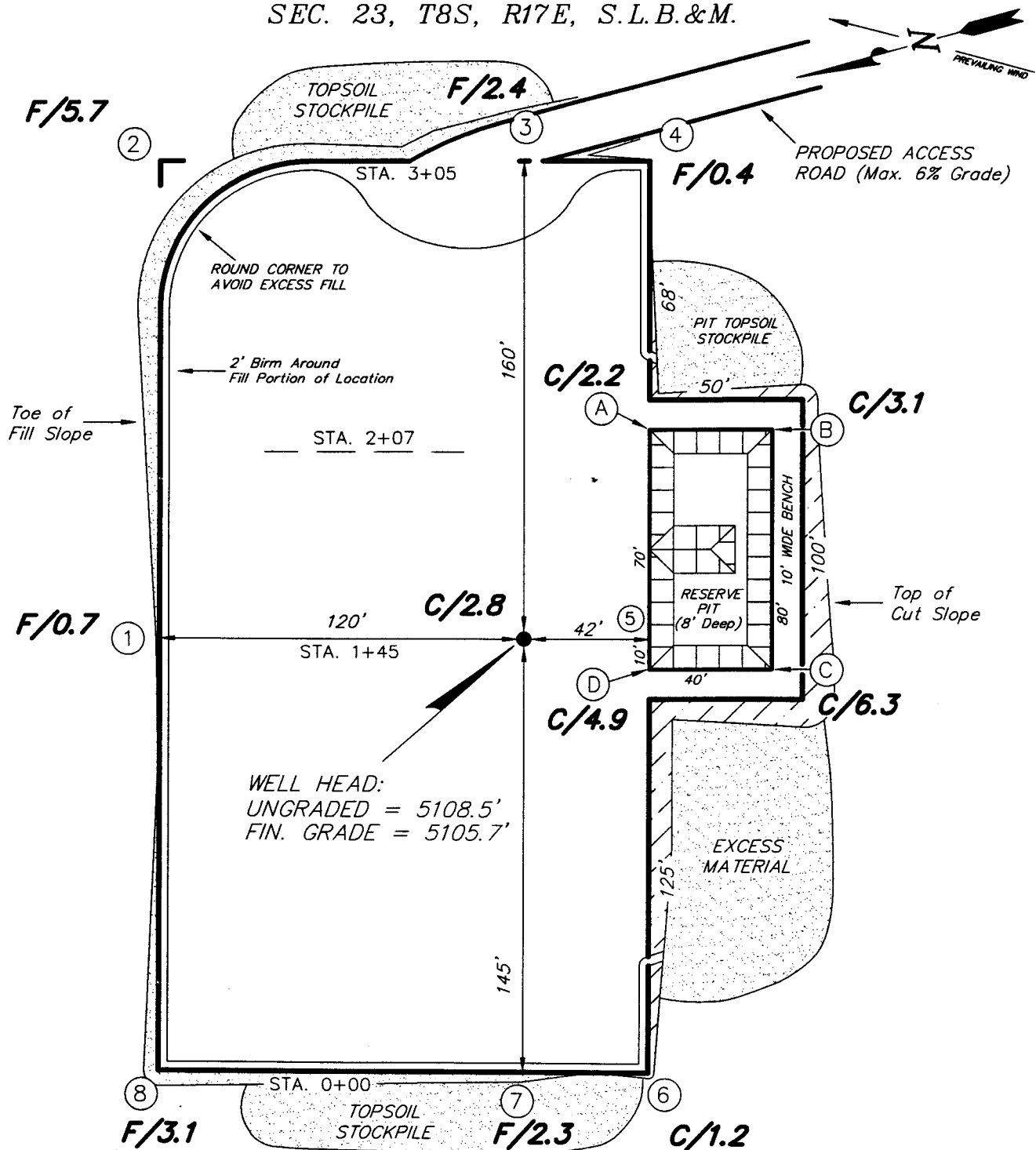
Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

OTHER

INLAND PRODUCTION COMPANY

CANVASBACK UNIT #12-23
SEC. 23, T8S, R17E, S.L.B.&M.



REFERENCE POINTS

195' WEST = 5105.2'
245' WEST = 5105.6'
170' NORTH = 5098.6'
220' NORTH = 5095.3'

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

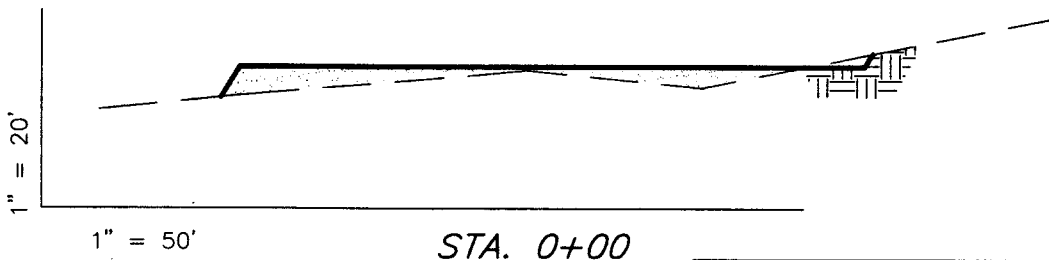
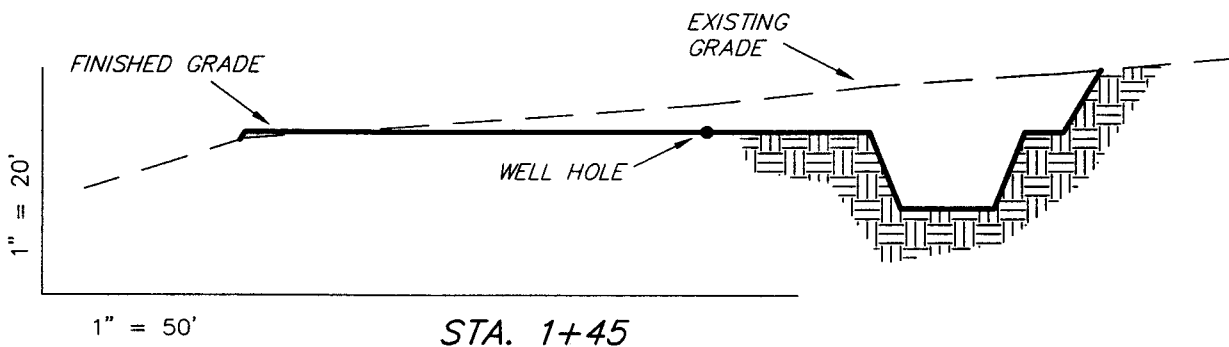
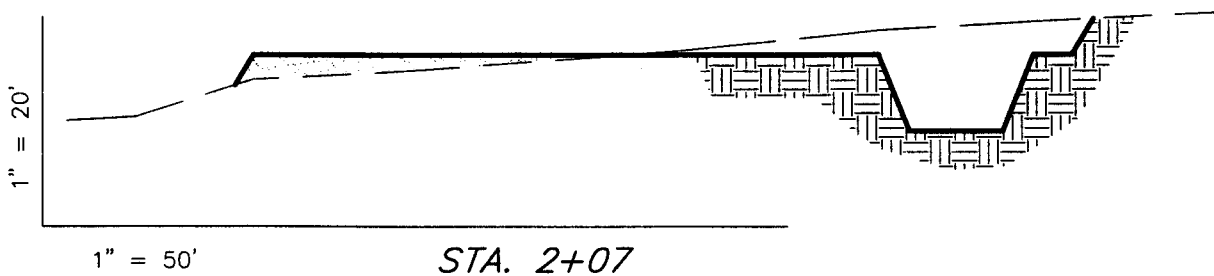
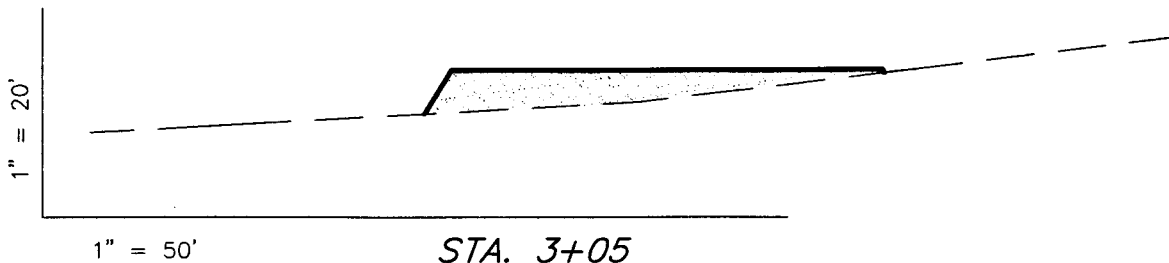
DRAWN BY: J.R.S.

DATE: 2-28-02

Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 781-2501

INLAND PRODUCTION COMPANY
CROSS SECTIONS
CANVASBACK UNIT #12-23



NOTE:
 UNLESS OTHERWISE NOTED
 ALL CUT/FILL SLOPES ARE
 AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
 (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,180	2,180	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,820	2,180	1,010	640

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 2-28-02

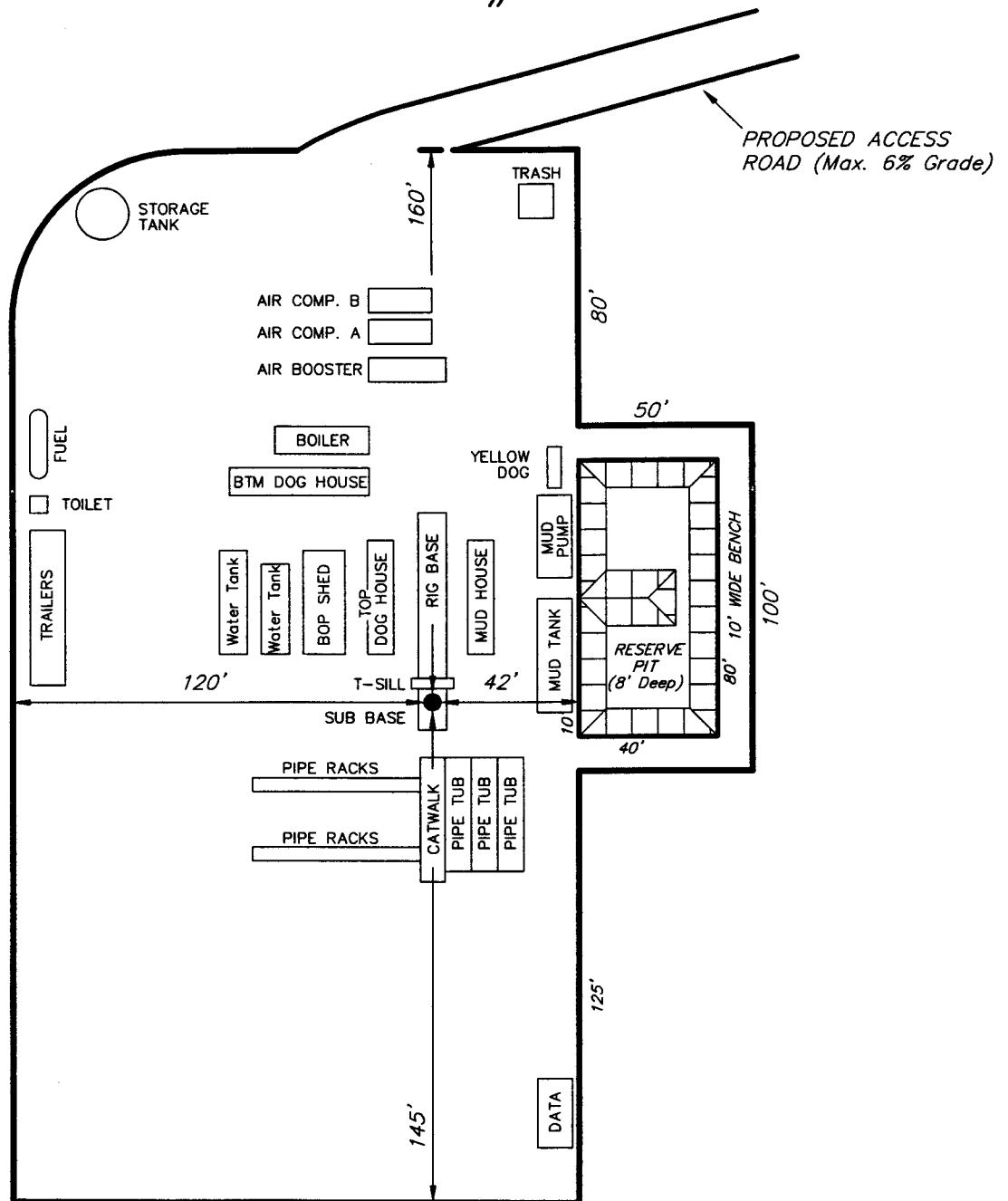
Tri State
 Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 781-2501

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

CANVASBACK UNIT #12-23



SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 2-28-02

Tri State
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



Canvasback Unit #12-23
SEC. 23, T8S, R17E, S.L.B.&M.



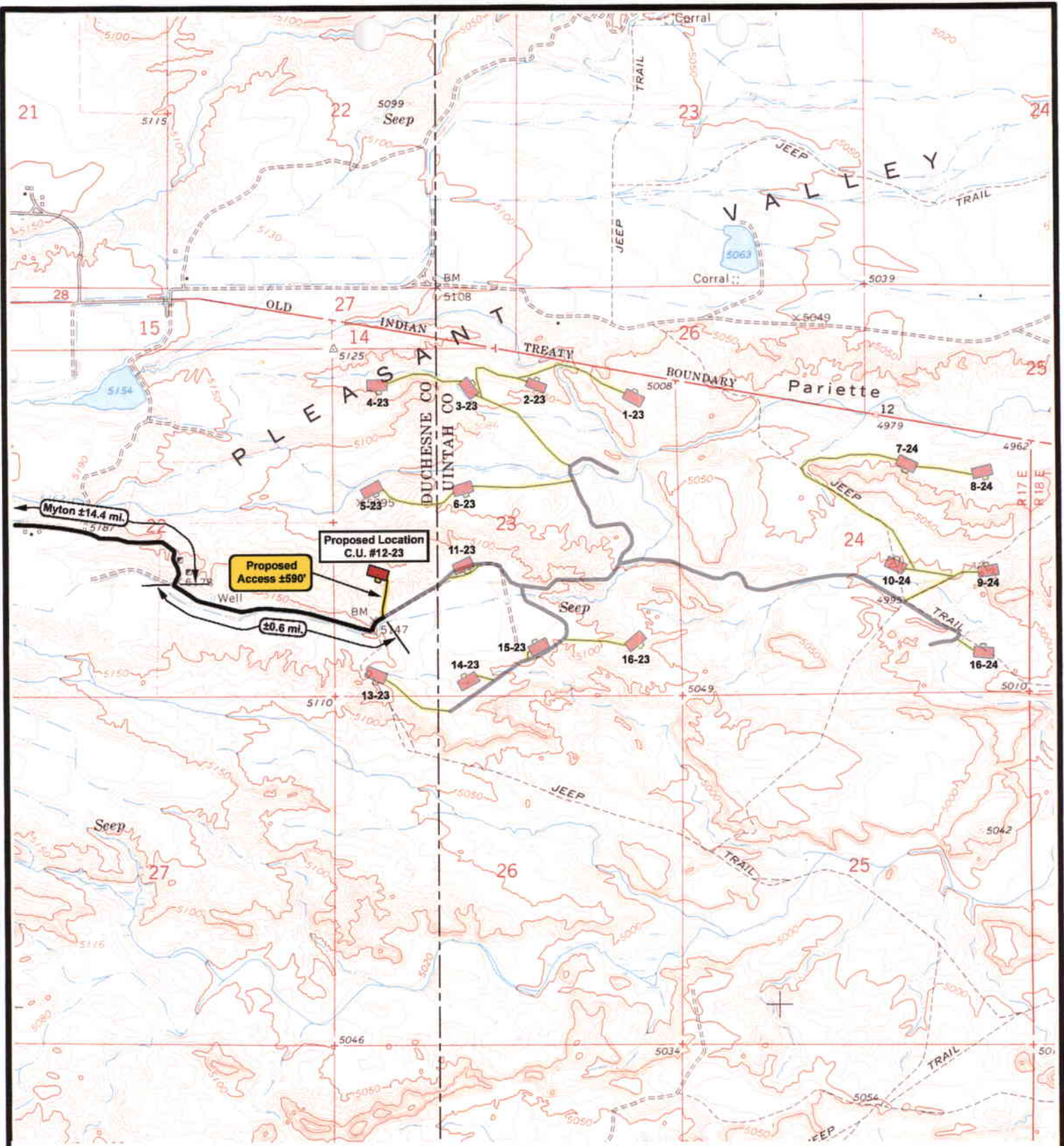
Tri-State
Land Surveying Inc.
 (435) 781-2501
 38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000'
 DRAWN BY: D.J.
 DATE: 03-08-2002

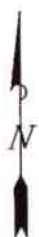
Legend
 — Existing Road
 — Proposed Access

TOPOGRAPHIC MAP

"A"



**Canvasback Unit #12-23
SEC. 23, T8S, R17E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: D.J.
DATE: 03-08-2002

Legend
— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"B"

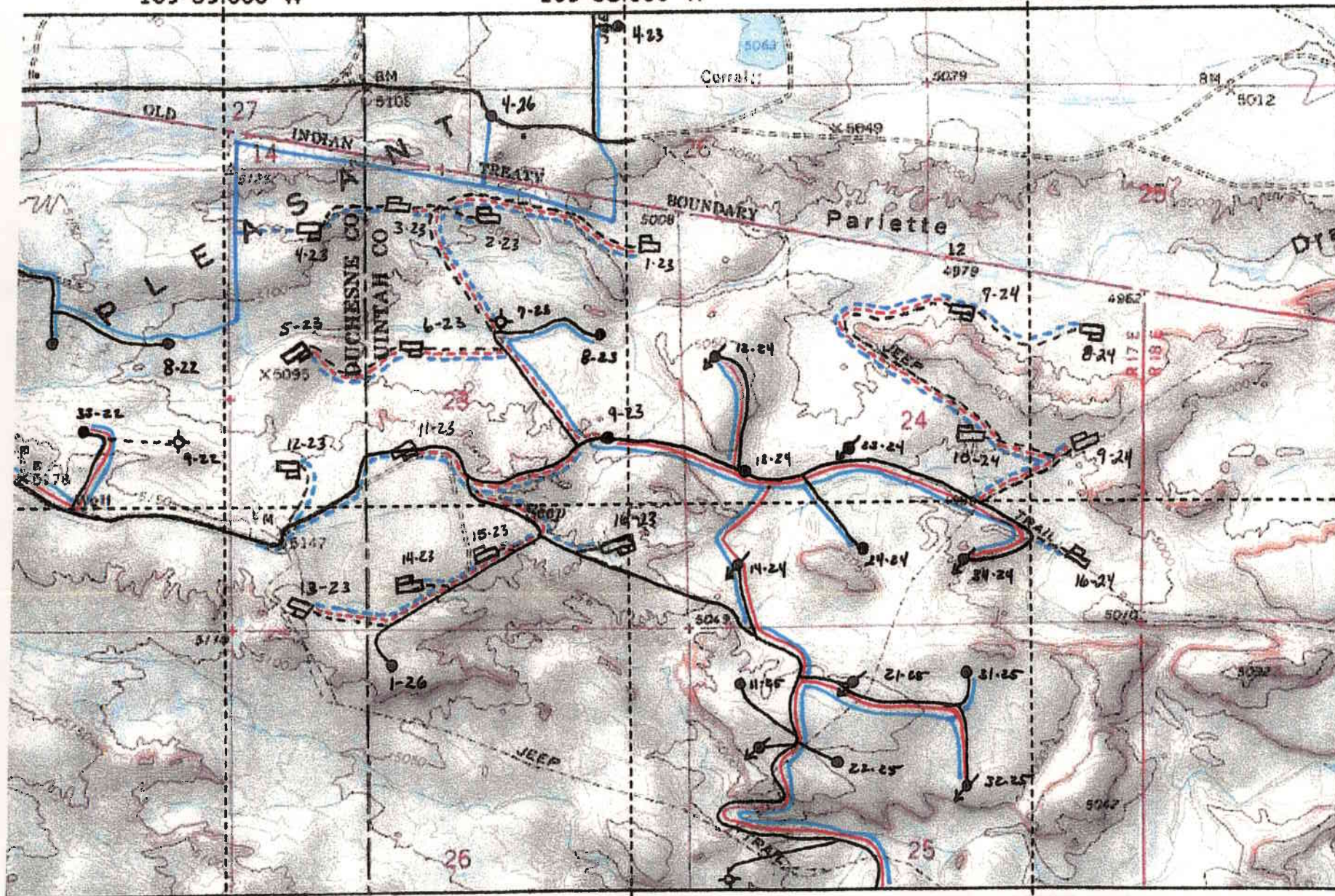
Topo Map "C"

TOPOI map printed on 01/28/02 from "Utah.tpo" and "Untitled.tpg"

109°59.000' W

109°58.000' W

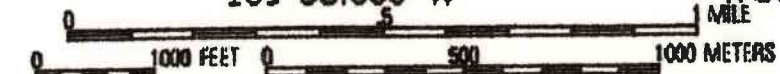
WGS84 109°57.000' W



109°59.000' W

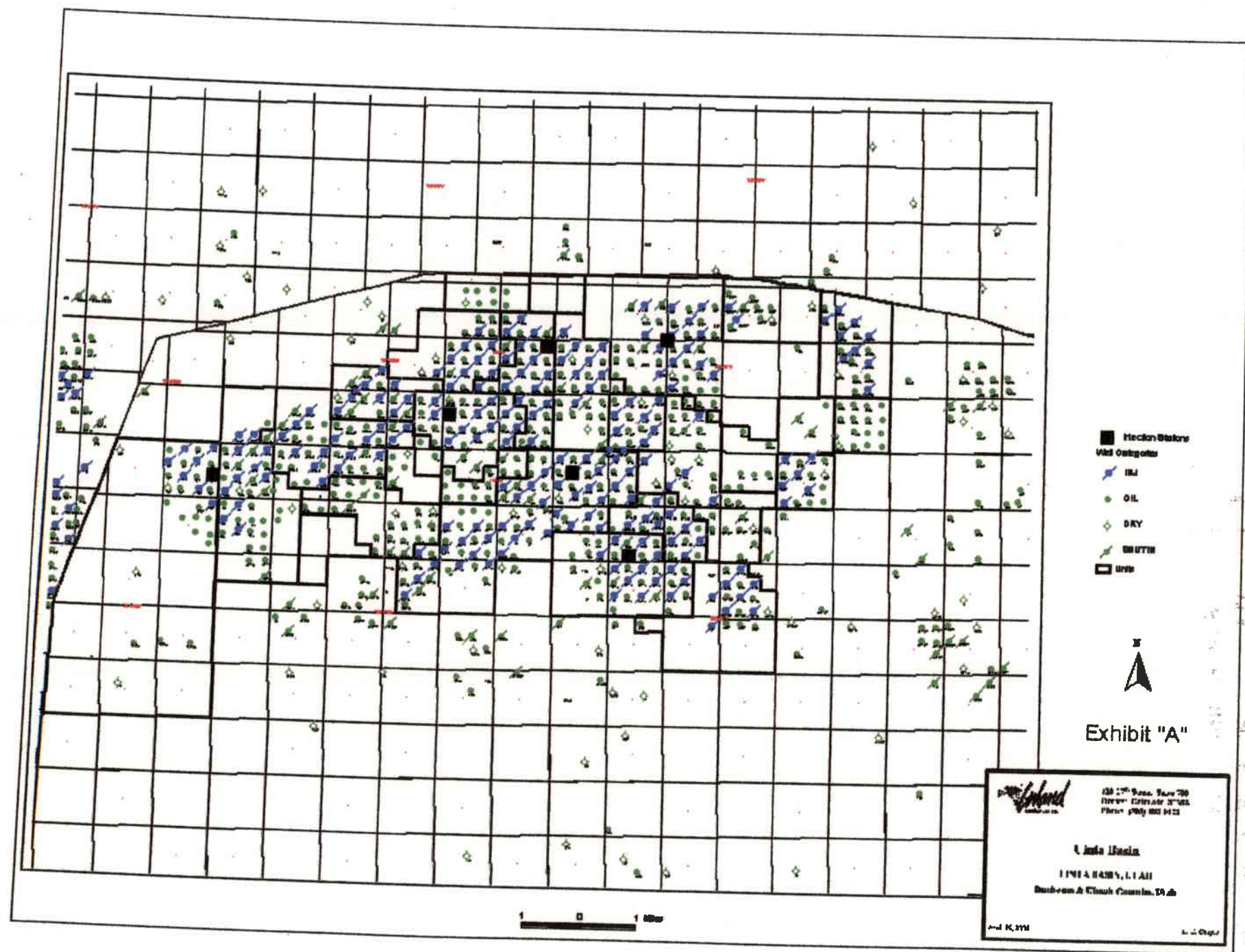
109°58.000' W

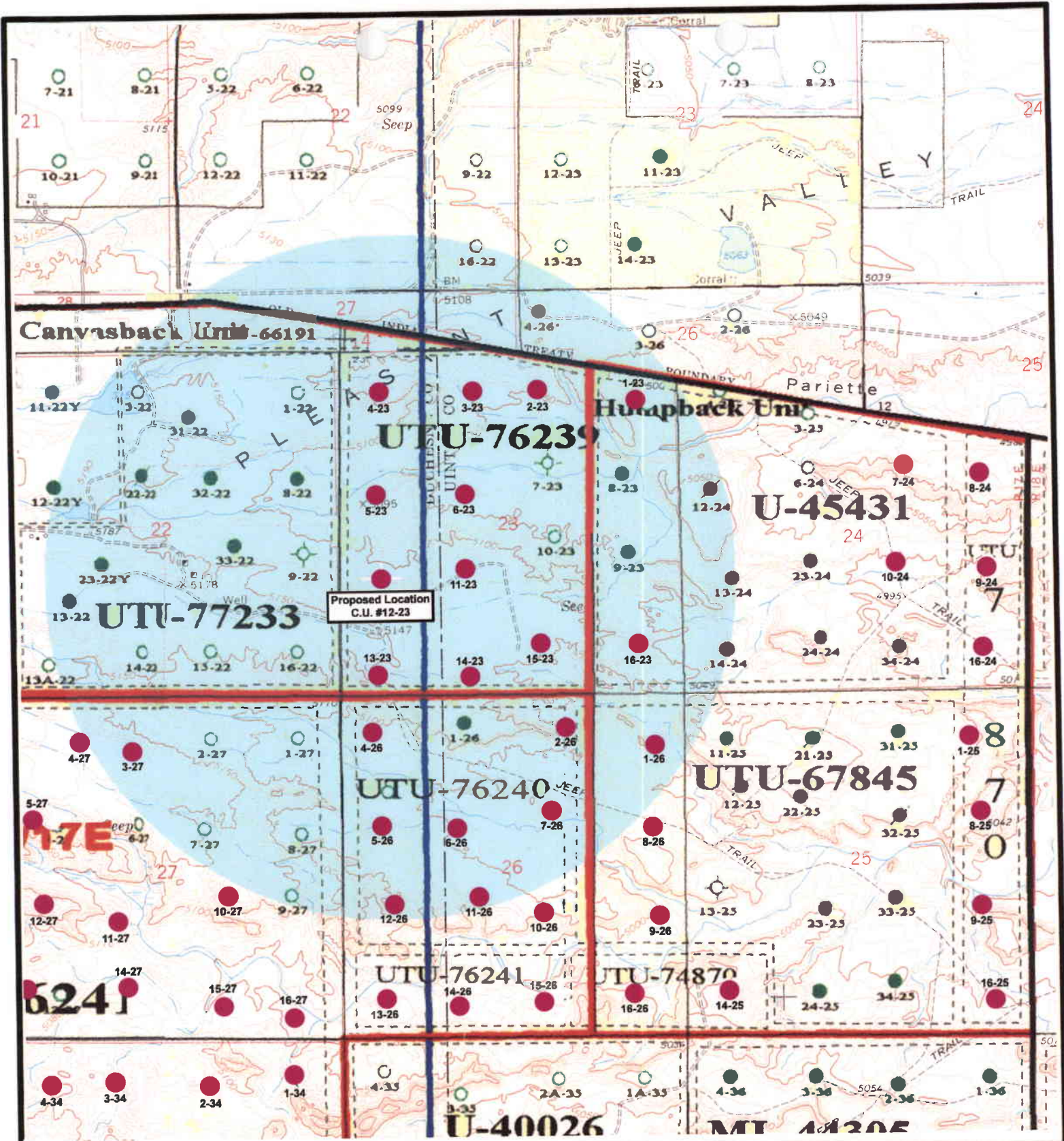
WGS84 109°57.000' W



Printed from TOPOI ©2000 National Geographic Holdings (www.topo.com)

- Proposed Road
- Proposed water Line
- Proposed Gas Line
- Existing Gas Line
- Existing Water Line





**Canvasback Unit #12-23
SEC. 23, T8S, R17E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: D.J.
DATE: 03-08-2002

Legend

- Proposed Locations
- One Mile Radius

**Exhibit
"B"**

2-M SYSTEM

Blowout Prevention Equipment Systems

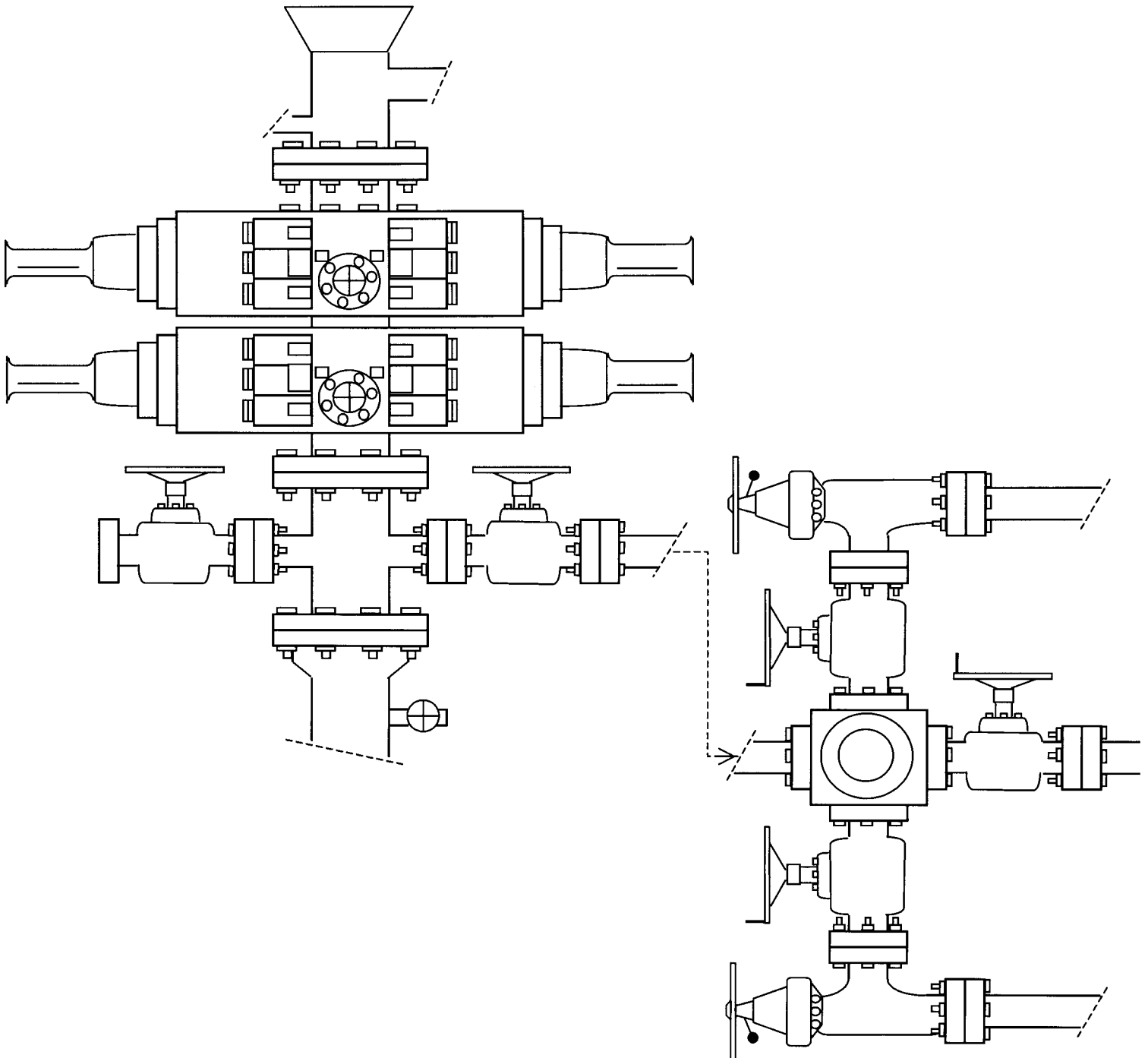


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/02/2002

API NO. ASSIGNED: 43-013-32341

WELL NAME: CANVASBACK 12-23-8-17

OPERATOR: INLAND PRODUCTION (N5160)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSW 23 080S 170E

SURFACE: 1849 FSL 0673 FWL

BOTTOM: 1849 FSL 0673 FWL

DUCHENE

MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-76239

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.10126

LONGITUDE: -109.9802

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit CANVASBACK (GREEN RIVER)
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 225-3
Eff Date: 9-23-08
Siting: * Suspends General Siting Rule
___ R649-3-11. Directional Drill

COMMENTS: Sop, Seperate file

STIPULATIONS: 1- Federal approval

003



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

May 21, 2002

Inland Production Company
Rt #3, Box 3630
Myton, UT 84052

Re: Canvasback 12-23-8-17 Well, 1849' FSL, 673' FWL, NWSW, Sec. 23, T. 8S, R. 17E,
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32341.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza', written over a horizontal line.

John R. Baza
Associate Director

pb

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, District Office

Operator: Inland Production Company
Well Name & Number Canvasback 12-23-8-17
API Number: 43-013-32341
Lease: UTU-76239

Location: NWSW **Sec.** 23 **T.** 8S **R.** 17E

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐

1b. TYPE OF WELL

OIL GAS SINGLE MULTIPLE
WELL ☒ WELL ☐ OTHER ☐ ZONE ☒ ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

Route #3 Box 3630, Myton, UT 84052

Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At Surface NW/SW 1849' FSL 673' FWL

At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 15.1 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to

Approx. 673' f/lse line & 1849' f/unit line

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

Approx. 1399'

16. NO. OF ACRES IN LEASE

473.84

19. PROPOSED DEPTH

6500'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5109' GR

22. APPROX. DATE WORK WILL START*

3rd Quarter 2002

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE SIZE OF CASING WEIGHT/FOOT SETTING DEPTH QUANTITY OF CEMENT

Refer to Monument Butte Field SOP's Drilling Program/Casing Design

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

RECEIVED

FEB 03 2003

DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24. SIGNED Mandi Cox TITLE Permit Clerk DATE 4/29/02

(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO.

APPROVAL DATE

CONDITIONS OF APPROVAL ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

Howard B. ClancyAssistant Field Manager
Mineral Resources

DATE

01/21/2003

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Canvasback 12-23-8-17

API Number: 43-013-32341

Lease Number: U – 76239

Location: NWSW Sec. 23 T. 8S R. 17E

Agreement: Canvasback (GR) SR

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease that will entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources and other resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at " 565 ft.

THERE ARE NO ADDITIONAL CONDITIONS FOR THE SURFACE USE PROGRAM.

DIVISION OF OIL, GAS AND MINING***Spudding Information***Name of Company: INLAND PRODUCTION COMPANYWell Name: CANVASBACK 12-23-8-17Api No: 43-013-32341 Lease Type: FEDERALSection 23 Township 08S Range 17E County DUCHESNEDrilling Contractor STUBBS DRILLING RIG# 111**Spudded:**Date 03/06/03Time 10:30 AMHow DRY***Drilling will commence:*** _____Reported by PAT WISENERTelephone # 1-435-823-7468Date 03/07/2003 Signed: CHD

011

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR INLAND PRODUCTION COMPANY
ADDRESS RT. 1 BOX 3833
DAYTON, UT 84052

OPERATOR ACCT. NO. NS180

ACTION CODE	CURRENT ENTRY NO	NEW ENTRY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CG	SC	TP	RG	COUNTY		
A	99999	12299	43-013-32240	Canvasback #15-22-8-17	SW/SE	22	8S	17E	Duchesne	February 21, 2003	02/21/03

WELL 1 COMMENTS

ACTION CODE	CURRENT ENTRY NO	NEW ENTRY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CG	SC	TP	RG	COUNTY		
A	99999	12299	43-013-32341	Canvasback #12-23-8-17	NW/SE	23	8S	17E	Duchesne	March 5, 2003	03/05/03

WELL 2 COMMENTS

ACTION CODE	CURRENT ENTRY NO	NEW ENTRY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CG	SC	TP	RG	COUNTY		

WELL 3 COMMENTS

ACTION CODE	CURRENT ENTRY NO	NEW ENTRY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CG	SC	TP	RG	COUNTY		

WELL 4 COMMENTS

ACTION CODE	CURRENT ENTRY NO	NEW ENTRY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CG	SC	TP	RG	COUNTY		

WELL 5 COMMENTS

ACTION CODES (See addendum or back stamp)

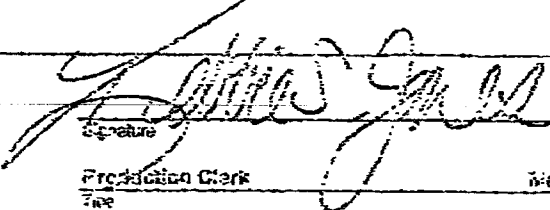
- A - Extension from existing well to a single wellbore
- B - Extension from existing well to a group of wellbores
- C - Extension from one well to another wellbore
- D - Extension from one well to another wellbore
- E - Extension from one well to another wellbore

NOTE: Use COMMENT section to describe any other ACTION CODES not listed.

RECEIVED

MAR 14 2003

DIV. OF OIL, GAS & MINING


Signature _____ Yeon S. Jones
Production Clerk _____
Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

006

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-76239

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Canvasback

8. Well Name and No.

12-23-8-17

9. API Well No.

43-013-32341

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1849' FSL & 673' FWL NW/SW Sec 23. TWN 8S. R17E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud Report

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 3/06/03. MIRU Stubbs # 111. Drill 305' of 12 1/4" hole with air mist. TIH w/ 7 Jt's 85/8" J-55 24# csgn. Set @ 310.08'/KB On 3/10/03 cement with 150 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. 4 bbls cement returned to surface. WOC.

RECEIVED

MAR 10 2003

RECEIVED

14. I hereby certify that the foregoing is true and correct

Signed

Pat Wisener

Title

Drilling Foreman

Date

03/10/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 310.08

LAST CASING 8 5/8" SET AT 310.08'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 305 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Canvasback 12-23-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Stubbs # 111

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		42.77 sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	302.23
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	304.08
TOTAL LENGTH OF STRING	304.08	7	LESS CUT OFF PIECE	6
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	310.08

TOTAL	291.99	7	} COMPARE	MAR 19 2003	DIV. OF OIL, GAS & MINING
TOTAL CSG. DEL. (W/O THRDS)	302.23	7			
TIMING	1ST STAGE		GOOD CIRC THRU JOB	Yes	
BEGIN RUN CSG.	SPUD	03/05/2003	Bbls CMT CIRC TO SURFACE	10	
CSG. IN HOLE	11:30am		RECIPROCATED PIPE FOR	THRU	FT STROKE
BEGIN CIRC			DID BACK PRES. VALVE HOLD ?	N/A	
BEGIN PUMP CMT			BUMPED PLUG TO	250	FSI
BEGIN DSPL. CMT					
PLUG DOWN	Cemented	03/10/2003			

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	150	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Pat Wisener

DATE 03/11/2003

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1849 FSL 673 FWL NW/SW Section 23, T8S R17E

5. Lease Designation and Serial No.

UTU-76239

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

CANVASBACK

8. Well Name and No.

CANVASBACK 12-23-8-17

9. API Well No.

43-013-32341

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Status Report**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Status report for time period 3/24/2003 through 3/30/2003.

Subject well had completion procedures initiated in the Green River formation without use of service rig on 3/27/2003. A CBL was ran and three Green River intervals were perforated and hydraulically fracture treated using composite flow-through frac plugs between stages. Fracs were flowed back through chokes. A service rig was moved on well on 3/29/2003 and is presently drilling out plugs.

RECEIVED

APR 01 2003

DIV. OF OIL & GAS

14. I hereby certify that the foregoing is true and correct

Signed


Gary Dietz

Title

Completion Foreman

Date

3/29/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

008

SUNDRY NOTICES AND REPORTS ON WELLS

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5. Lease Designation and Serial No.

UTU-76239

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

CANVASBACK

8. Well Name and No.

CANVASBACK 12-23-8-17

9. API Well No.

43-013-32341

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1849 FSL 673 FWL NW/SW Section 23, T8S R17E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
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☐ Altering Casing
☒ Other **Status Report**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Status report for time period 3/31/2003 through 4/6/2003.

Subject well had completion procedures initiated in the Green River formation without use of service rig on 3/27/2003. A CBL was ran and three Green River intervals were perforated and hydraulically fracture treated using composite flow-through frac plugs between stages. Fracs were flowed back through chokes. A service rig was moved on well on 3/29/2003. Bridge plugs were drilled out and well was cleaned out to PBTD. Well was swab tested for sand cleanup. A production tubing string was ran in and anchored in well. A 1 1/2" bore rod pump was ran in well on sucker rods. Well was placed on production via rod pump on 4/1/2003.

RECEIVED

APR 7 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Gary Dietz

Title

Completion Foreman

Date

4/2/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK						5. LEASE DESIGNATION AND SERIAL NO. UTU-76239	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____						7. UNIT AGREEMENT NAME Canvasback Unit	
2. NAME OF OPERATOR INLAND RESOURCES INC.						8. FARM OR LEASE NAME, WELL NO. CB 12-23-8-17	
3. ADDRESS AND TELEPHONE NO. 410 17th St. Suite 700 Denver, CO 80202						9. WELL NO. 43-013-32341	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 1849' FSL & 673' FWL (NW SW) Sec. 23, Twp 8S, Rng 17E At top prod. Interval reported below At total depth						10. FIELD AND POOL OR WILDCAT Monument Butte	
14. API NO. 43-013-32341						DATE ISSUED 1/21/03	
15. DATE SPUDDED 3/05/03		16. DATE T.D. REACHED 3/18/03		17. DATE COMPL. (Ready to prod.) 4/1/03		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL 5109' KB 5121'	
20. TOTAL DEPTH, MD & TVD 6425'		21. PLUG BACK T.D., MD & TVD 6378'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ----->	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 5137'-6266'						19. ELEV. CASINGHEAD	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIGI/SP/CDL/GR/Cal - 3-94-03						25. WAS DIRECTIONAL SURVEY MADE No	
27. WAS WELL CORED No							
23. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8" - J-55		24#		310'		12-1/4"	
5-1/2" - J-55		15.5#		6401'		7-7/8"	
						300 sx Premlite II and 450 sx 50/50 Poz	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2-7/8"		EOT @		TA @			
		6262'		6096'			
31. PERFORATION RECORD (Interval, size and number)							
INTERVAL		SIZE		SPF/NUMBER		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
(CP2,3,5) 6253-66', 6182-87', 6135-39'		.038"		4/88		DEPTH INTERVAL (MD)	
P.5,1,LODC) 6066-73', 6039-45', 5961-66'		.038"		4/96		AMOUNT AND KIND OF MATERIAL USED	
(C-sd,D1,DS3) 5382-89', 5209-14',						Frac w/ 108,952# 20/40 sand in 801 bbls frac fluid	
5282-45', 5137-44'		.038"		4/88		5961'-6083'	
						Frac w/ 122,900# 20/40 sand in 886 bbls frac fluid	
						5137'-5389'	
						Frac w/ 58,417# 20/40 sand in 481 bbls frac fluid	
33.* PRODUCTION							
DATE FIRST PRODUCTION 4/1/03		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC Pump				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
						OIL--BBL. 61 GAS--MCF. 63 WATER--BBL. 27 GAS-OIL RATIO 1033	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Brian Harris
Brian Harris

TITLE Engineering Technician

DATE 5/2/2003

BDH

*(See Instructions and Spaces for Additional Data on Reverse Side)

MAY 06 2003

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Canvasback 12-23-8-17	Garden Gulch Mkr	4102'	
				Garden Gulch 2	4496'	
				Point 3 Mkr	4772'	
				X Mkr	5003'	
				Y-Mkr	5038'	
				Douglas Creek Mkr	5172'	
				BiCarbonate Mkr	5442'	
				B Limestone Mkr	5594'	
				Castle Peak	6016'	
				Basal Carbonate	6326'	
				Total Depth (LOGGERS)	6425'	



May 2, 2003

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daniels
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daniels

Canvasback 12-23-8-17 (43-013-32341)
Duchesne County, UT

Dear Ms. Carol Daniels

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver

RECEIVED
MAY 06 2003

DIV OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

012

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1849 FSL 673 FWL NW/SW Section 23, T8S R17E

5. Lease Designation and Serial No.

UTU-76239

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

CANVASBACK

8. Well Name and No.

CANVASBACK 12-23-8-17

9. API Well No.

43-013-32341

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT

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☒ Notice of Intent
☐ Subsequent Report
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☐ Water Shut-Off
☐ Conversion to Injection
☒ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier
Mandie Crozier

Title

Regulatory Specialist

Date

11/14/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED

NOV 17 2003

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET

010

Change of Operator (Well Sold)

Designation of Agent/Operator

ROUTING

- | |
|---------|
| 1. GLH |
| 2. CDW |
| 3. FILE |

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

CANVASBACK (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BALCRON FED 12-22Y	22	080S	170E	4301331476	12299	Federal	WI	A
BALCRON MON FED 22-22-8-17Y	22	080S	170E	4301331538	12299	Federal	OW	P
BALCRON MON FED 11-22-8-17Y	22	080S	170E	4301331539	12299	Federal	OW	P
MON FED 13-22-8-17Y	22	080S	170E	4301331583	12299	Federal	OW	S
MON FED 32-22-8-17	22	080S	170E	4301331586	12299	Federal	WI	A
MON FED 31-22-8-17	22	080S	170E	4301331587	12299	Federal	OW	P
MON FED 33-22-8-17	22	080S	170E	4301331588	12299	Federal	OW	P
MON FED 23-22-8-17Y	22	080S	170E	4301331702	12299	Federal	WI	A
PARIETTE DRAW 8-22	22	080S	170E	4301331826	12299	Federal	OW	P
CANVASBACK 13A-22-8-17	22	080S	170E	4301332238	12299	Federal	OW	P
CANVASBACK 14-22-8-17	22	080S	170E	4301332239	12299	Federal	OW	P
CANVASBACK 15-22-8-17	22	080S	170E	4301332240	12299	Federal	OW	P
CANVASBACK 16-22-8-17	22	080S	170E	4301332241	12299	Federal	OW	P
FEDERAL 13-23-8-17	23	080S	170E	4301332340	12299	Federal	OW	P
CANVASBACK 12-23-8-17	23	080S	170E	4301332341	12299	Federal	OW	P
CANVASBACK 4-23-8-17	23	080S	170E	4301332342	12299	Federal	OW	P
CANVASBACK 5-23-8-17	23	080S	170E	4301332343	12299	Federal	OW	P
FEDERAL 14-23-8-17	23	080S	170E	4304734556	12299	Federal	OW	P
CANVASBACK 15-23-8-17	23	080S	170E	4304734557	12299	Federal	D	PA
CANVASBACK 3-23-8-17	23	080S	170E	4304734567	12299	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

OPERATOR CHANGE WORKSHEET

013

Change of Operator (Well Sold)

Designation of Agent/Operator

ROUTING

1. GLH

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Myton, UT 84052

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K

K

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1. Indian well(s) covered by Bond Number: 61BSBDH2912

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2. The **FORMER** operator has requested a release of liability from their bond on: n/a*

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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COMMENTS:

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129

Phone 800-227-8917

<http://www.epa.gov/region08>

JAN 10 2012

Ref: 8P-W-GW

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, Colorado 80202

RECEIVED

JAN 19 2012

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: Underground Injection Control (UIC)
Additional Well to Humpback Area Permit
EPA UIC Permit UT20855-09336
Well: ~~Humpback~~ 12-23-8-17
NWSW Sec. 23 T8S-R17E
Duchesne County, Utah
API No.: 43-013-32341

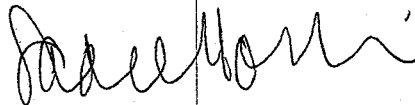
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Humpback 12-23-8-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Humpback Area Permit No. UT20855-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. Please submit the required data to Emmett Schmitz at the letterhead address citing mail code 8P-W-GW.

Sincerely,



for Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore schematic for Humpback 12-23-8-17

cc: Letter Only:

Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20855-00000

The Humpback Final UIC Area Permit UT20855-00000, effective August 18, 2000, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On October 4, 2011, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Humpback 12-23-8-17
EPA Permit ID Number:	UT20855-09336
Location:	1849' FSL & 673' FWL NWSW Sec. 23-T8S-R17E Duchesne County, Utah API #43-013-32341

Pursuant to 40 CFR §144.33, Area UIC Permit UT20855-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20855-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date:

1/5/12


for **Callie A. Videtich**

*Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20855-00000
Well: Humpback 12-23-8-17: EPA Well ID: UT20855-09336

Printed on Recycled Paper

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Humpback 12-23-8-17
EPA Well ID Number: UT20855-09336

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,310 psig, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.695 psi/ft, SG is 1.015 and D is 5,137 ft.

UIC Area Permit No. UT20855-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c).

Cementing records, including the cement bond log, have satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

Authorization for Additional Well: UIC Area Permit UT20855-00000
Well: Humpback 12-23-8-17 EPA Well ID: UT20855-09336

- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (external) Mechanical Integrity is not required at this time.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Standby Trust Agreement and Surety Bond in the amount of \$42,000 that has been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.
- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.

(4) Isolate Surface Fluid Migration Paths:

- a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
- b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
- c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Humpback 12-23-8-17
EPA Well ID Number: UT20855-09336

Underground Sources of Drinking Water (USDWs): USDWs in the Humpback Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 125 ft. below ground surface in the Humpback 12-23-8-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http://NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20771-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the

Authorization for Additional Well: UIC Area Permit UT20855-00000
Well: Humpback 12-23-8-17 EPA Well ID: UT20855-09336

injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District blended with produced Green River Formation water and has a TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. EPA has reviewed and approved the construction and determined that it is adequate to protect USDWs.

Surface Casing: 8-5/8" casing is set at 310 ft. in a 12-1/4" hole, using 150 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 6,401 ft. in a 7-7/8" hole secured with 750 sacks of cement. Total driller depth is 6,425 ft. Plugged back total depth is 6,378 ft. EPA calculates top of cement at 1,445 ft. Estimated CBL top of cement is 700 ft.

Perforations: Top perforation: 5,137 ft. Bottom perforation: 6,187 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following four wells that penetrate the confining zone within or proximate to a 1/4-mile radius around the Huimback 12-23-8-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Canvasback 5-23-8-17	API: 43-013-32343	SWSW Sec. 23-T8S-R17E
Canvasback 11-23-8-17	API: 43-047-34605	NESW Sec. 23-T8S-R17E
Greater Monument Butte P-23-8-17	API: 43-013-33496	SHL:SESE Sec. 22-T8S-R17E BHL: SWSW Sec. 23-T8S-R17E

Authorization for Additional Well: UIC Area Permit UT20855-00000
Well: Huimback 12-23-8-17: EPA Well ID: UT20855-09336

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the Confining Zone within a ¼-mile radius of the proposed injection well and determined that cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement is above the base of the Confining Zone in all AOR wells.

Reporting of Noncompliance:

- 1) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- 2) **Compliance Schedules.** Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- 3) **(Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.**

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- 1) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- 2) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

UT 20855-09336

Canvasback #12-23-8-17

Spud Date: 03/05/03
Put on Production: 04/01/03

GL: 5109' KB: 5121'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (304.08')

DEPTH LANDED: 310.08' KB

HOLE SIZE: 12-1/4" *Base USDW 125'*
CEMENT DATA: 150 sxs Class "G" cmt, est 10 bbls cmt to surf.

Green River 1816'

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 149 jts. (6403.42')

DEPTH LANDED: 6401.42'

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 700'

Cement Top @ 700'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 188 jts (6053.40')

NO. OF JOINTS: 1 jts (32.20') 1-2 7/8 x 10.13 tbq sub

TUBING ANCHOR: 6107.73' KB

NO. OF JOINTS: 3 jts (92.25') New

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 6202.78' KB

NO. OF JOINTS: 2 jts (64.93')

TOTAL STRING LENGTH: EOT @ 6269.26' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod

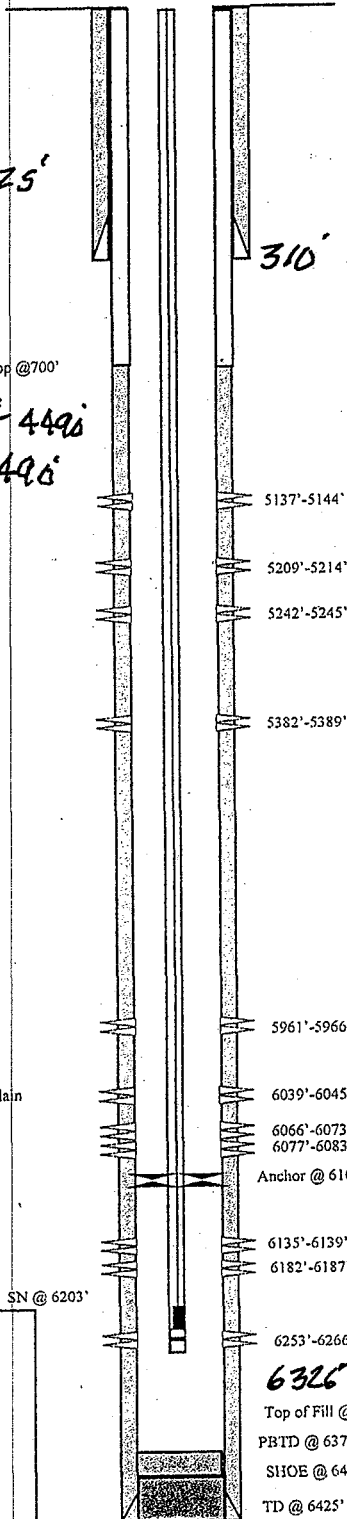
SUCKER RODS: 6 1-5/8" weight bars; 50-3/4" guided rods, 92-3/4" plain rods; 99 -3/4" guided rods; 1-2' x 3/4" pony rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15 1/2" RHAC

STROKE LENGTH: 84"

PUMP SPEED, SPM: 4 SPM

Wellbore Diagram



Initial Production: 61 BOPD,
63 MCFD, 27 BWPD

FRAC JOB

3/28/03	6135'-6266'	Frac CP 2,3 & 5 sands as follows: 108,952# 20/40 sand in 801 bbls Viking 1-25 fluid. Treated @ avg press of 1850 psi w/avg rate of 25 BPM. ISIP 2175 psi. Calc flush: 6135 gal. Actual flush: 6090 gal.
3/28/03	5961'-6083'	Frac CP .5, & 1 & LOCD sands as follows: 122,900# 20/40 sand in 886 bbls Viking 1-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 24.7 BPM. ISIP-2270 psi. Calc flush: 5961 gal. Actual flush: 5880 gal.
3/28/03	5137'-5389'	Frac D and C sands as follows: 58,417# 20/40 sand in 481 bbls Viking 1-25 fluid. Treated @ avg press of 2050 psi w/avg rate of 24.6 BPM. ISIP-2196 psi. Calc flush: 5137 gal. Actual flush: 5040 gal.
5/26/04		Pump change. Update rod and tubing details.
8/31/04		Tubing leak. Update rod and tubing details.
4-7-05		Tubing leak. Update rod and tubing details.
05/03/06		Tubing Leak. Update rod and tubing details.
10/05/07		Tubing Leak. Update rod and tubing details.
2-20-08		Parted rods. Updated rod & tubing details.

80% Bond: 4465'-4528'
5208' Douglas Creek

PERFORATION RECORD

03/27/03	6135'-6139'	4 JSPF	16 holes
03/27/03	6182'-6187'	4 JSPF	20 holes
03/27/03	6253'-6266'	4 JSPF	52 holes
03/28/03	5961'-5966'	4 JSPF	20 holes
03/28/03	6039'-6045'	4 JSPF	24 holes
03/28/03	6066'-6073'	4 JSPF	28 holes
03/28/03	6077'-6083'	4 JSPF	24 holes
03/28/03	5137'-5144'	4 JSPF	28 holes
03/28/03	5209'-5214'	4 JSPF	20 holes
03/28/03	5242'-5245'	4 JSPF	12 holes
03/28/03	5382'-5389'	4 JSPF	28 holes

NEWFIELD

Canvasback #12-23-8-17
1849' FSL & 673' FWL
NWSW Section 23-T8S-R17E
Duchesne County, Utah
API #43-013-32341; Lease #UTU-76239

6325' Est. Basal Carbonate

Top of Fill @ 6368'

PBTD @ 6378'

SHOES @ 6401'

TD @ 6425'

6451' Est. 1st sandstone

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76239
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: CANVASBACK 12-23-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1849 FSL 0673 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 23 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013323410000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> SUBSEQUENT REPORT <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE Date of Work Completion: 12/13/2012	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/13/2012	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input style="width: 100px;" type="text"/>	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 12/12/2012. On 12/11/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 12/13/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09336</p>		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 16, 2013		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/20/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 12/13/12Test conducted by: Cody S. Vanderkinder

Others present: _____

Well Name: <u>Canvas Back</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>12</u> Sec: <u>23</u> T: <u>8</u> N: <u>S</u> R: <u>17E</u> W	County: <u>Dwight</u>	State: <u>UT</u>
Operator: _____		
Last MIT: <u>1</u> / <u>1</u> / _____	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ NoInitial test for permit? ☒ Yes ☐ NoTest after well rework? ☒ Yes ☒ NoWell injecting during test? ☐ Yes ☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/0 psig

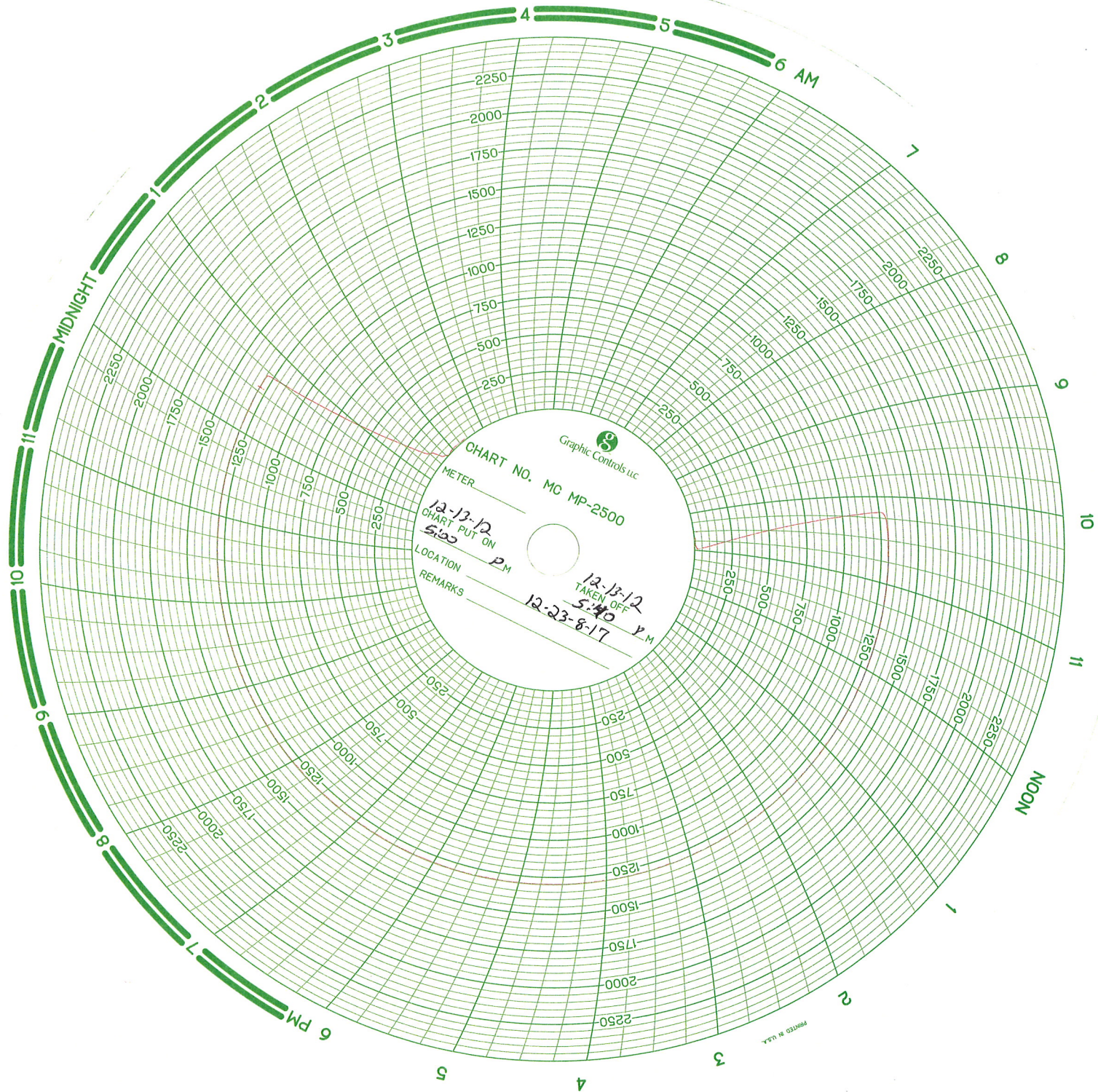
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1300</u> psig	psig	psig
5 minutes	<u>1300</u> psig	psig	psig
10 minutes	<u>1300</u> psig	psig	psig
15 minutes	<u>1300</u> psig	psig	psig
20 minutes	<u>1300</u> psig	psig	psig
25 minutes	<u>1300</u> psig	psig	psig
30 minutes	<u>1300</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Daily Activity Report**Format For Sundry****CANVASBACK 12-23-8-17****10/1/2012 To 2/28/2013****12/10/2012 Day: 1****Conversion**

WWS #5 on 12/10/2012 - MIRU RDPU pump BW down CSG unseat pump RODS w/ 30 BW seat pump PSI test TBG to 3000 psi w/ 15 BW - MIRU unseat pump 60 bbl H2o down call PW on reps rods parted TOO H w 23 at 3/4" 4 per parted 6" down on 22nd 4 per TIH w/ over shot Latch Fish unseat pump 14000 over string wt flush rods w/ 40 bbl h2o test tbg to 3000 psi LD 99 3/4" - MIRU unseat pump 60 bbl H2o down call PW on reps rods parted TOO H w 23 at 3/4" 4 per parted 6" down on 22nd 4 per TIH w/ over shot Latch Fish unseat pump 14000 over string wt flush rods w/ 40 bbl h2o test tbg to 3000 psi LD 99 3/4" - MIRU unseat pump 60 bbl H2o down call PW on reps rods parted TOO H w 23 at 3/4" 4 per parted 6" down on 22nd 4 per TIH w/ over shot Latch Fish unseat pump 14000 over string wt flush rods w/ 40 bbl h2o test tbg to 3000 psi LD 99 3/4" - MIRU unseat pump 60 bbl H2o down call PW on reps rods parted TOO H w 23 at 3/4" 4 per parted 6" down on 22nd 4 per TIH w/ over shot Latch Fish unseat pump 14000 over string wt flush rods w/ 40 bbl h2o test tbg to 3000 psi LD 99 3/4" **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$16,158

12/11/2012 Day: 2**Conversion**

WWS #5 on 12/11/2012 - Cont. LD GT 3/4" 4 per C-1 1/2 WT Bar LD 2-1/2x1-1/2x12 16 CDI pump stripped once and flushed w/ 3 - Cont. LD GT 3/4" 4 per C-1 1/2 WT Bar LD 2-1/2x1-1/2x12 16 CDI pump stripped once and flushed w/ 3 c bbl H2O ND well head unset5-1/2 B-2 TAC strip on 5000 BCPS BU floor and TBS works TOO H breaking and redoping every collar w/ 140 jts 2-3/8 tbg strpped and flushed w/ 70 bbl - Cont. LD GT 3/4" 4 per C-1 1/2 WT Bar LD 2-1/2x1-1/2x12 16 CDI pump stripped once and flushed w/ 3 c bbl H2O ND well head unset5-1/2 B-2 TAC strip on 5000 BCPS BU floor and TBS works TOO H breaking and redoping every collar w/ 140 jts 2-3/8 tbg strpped and flushed w/ 70 bbl - Cont. LD GT 3/4" 4 per C-1 1/2 WT Bar LD 2-1/2x1-1/2x12 16 CDI pump stripped once and flushed w/ 3 c bbl H2O ND well head unset5-1/2 B-2 TAC strip on 5000 BCPS BU floor and TBS works TOO H breaking and redoping every collar w/ 140 jts 2-3/8 tbg strpped and flushed w/ 70 bbl - Cont. LD GT 3/4" 4 per C-1 1/2 WT Bar LD 2-1/2x1-1/2x12 16 CDI pump stripped once and flushed w/ 3 c bbl H2O ND well head unset5-1/2 B-2 TAC strip on 5000 BCPS BU floor and TBS works TOO H breaking and redoping every collar w/ 140 jts 2-3/8 tbg strpped and flushed w/ 70 bbl **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$22,563

12/12/2012 Day: 3**Conversion**

WWS #5 on 12/12/2012 - Continue conversion - crew travel, safety meeting. Cont tooh breaking and redoping every collar w 18 jts 2-7/8 tbg. LD 37 jts 2-7/8 tbg, ld 5-1/2 b-2 tac, psn & NU PU & tih w 2-3/8,2/38 xover, 5-1/2arrow set pkr on/off tool. Pns 157 jts 2-7/8 tbg. Pump15 bblspad, circ 40 bbls h2o, never caught psi. rih w sandline push sv to psn, try testing tbg , no good. Rih w sandline, hit sv agin, try testing tbg, no good, ret sv flush tbgw 40 bbls , drop sv, push sv to psn w sandline, try testing tbg, nogood, tooh, found crimp in it 154 ld & replaceit, tih w 154 jts cir 40 bbls never caught pres, rih w sandline, beat sv through tight spot @ 4300. push sv to psn test try to3000 psi, leave psi over night, sden @ 5:30. crew travel - crew travel, safety meeting. Cont tooh breaking and redoping every collar w 18 jts 2-7/8 tbg. LD 37 jts 2-7/8 tbg, ld 5-1/2 b-2 tac, psn & NU PU & tih w 2-3/8,2/38 xover, 5-

1/2arrow set pkr on/off tool. Pns 157 jts 2-7/8 tbg. Pump15 bblspad, circ 40 bbls h2o, never caught psi. rih w sandline push sv to psn, try testing tbg , no good. Rih w sandline, hit sv agin, try testing tbg, no good, ret sv flush tbgw 40 bbls , drop sv, push sv to psn w sandline, try testing tbg, nogood, tooh, found crimp in it 154 ld & replaceit, tih w 154 jts cir 40 bbls never caught pres, rih w sandline, beat sv through tight spot @ 4300. push sv to psn test try to3000 psi, leave psi over night, sden @ 5:30. crew travel - crew travel, safety meeting. Cont tooh breaking and redoping every collar w 18 jts 2-7/8 tbg. LD 37 jts 2-7/8 tbg, ld 5-1/2 b-2 tac, psn & NU PU & tih w 2-3/8,2/38 xover, 5-1/2arrow set pkr on/off tool. Pns 157 jts 2-7/8 tbg. Pump15 bblspad, circ 40 bbls h2o, never caught psi. rih w sandline push sv to psn, try testing tbg , no good. Rih w sandline, hit sv agin, try testing tbg, no good, ret sv flush tbgw 40 bbls , drop sv, push sv to psn w sandline, try testing tbg, nogood, tooh, found crimp in it 154 ld & replaceit, tih w 154 jts cir 40 bbls never caught pres, rih w sandline, beat sv through tight spot @ 4300. push sv to psn test try to3000 psi, leave psi over night, sden @ 5:30. crew travel - crew travel, safety meeting. Cont tooh breaking and redoping every collar w 18 jts 2-7/8 tbg. LD 37 jts 2-7/8 tbg, ld 5-1/2 b-2 tac, psn & NU PU & tih w 2-3/8,2/38 xover, 5-1/2arrow set pkr on/off tool. Pns 157 jts 2-7/8 tbg. Pump15 bblspad, circ 40 bbls h2o, never caught psi. rih w sandline push sv to psn, try testing tbg , no good. Rih w sandline, hit sv agin, try testing tbg, no good, ret sv flush tbgw 40 bbls , drop sv, push sv to psn w sandline, try testing tbg, nogood, tooh, found crimp in it 154 ld & replaceit, tih w 154 jts cir 40 bbls never caught pres, rih w sandline, beat sv through tight spot @ 4300. push sv to psn test try to3000 psi, leave psi over night, sden @ 5:30. crew travel **Finalized**

Daily Cost: \$0

Cumulative Cost: \$29,318

12/13/2012 Day: 4

Conversion

WWS #5 on 12/13/2012 - RFT SU RD floor and tbg works strip off 5000 bops land tbg w/ b-1 adapter flange pump 50 bbls fresh h2o - RFT SU RD floor and tbg works strip off 5000 bops land tbg w/ b-1 adapter flange pump 50 bbls fresh h2o and per fluid down csg set 5-1/2 arrow set 1 per w/ 15000 tension w/ se at 5086 psn at 5080 xn nipple 5094 and ect at 5096 land tool w/ b-1 adapter falnge NU well head test. - RFT SU RD floor and tbg works strip off 5000 bops land tbg w/ b-1 adapter flange pump 50 bbls fresh h2o and per fluid down csg set 5-1/2 arrow set 1 per w/ 15000 tension w/ se at 5086 psn at 5080 xn nipple 5094 and ect at 5096 land tool w/ b-1 adapter falnge NU well head test. - RFT SU RD floor and tbg works strip off 5000 bops land tbg w/ b-1 adapter flange pump 50 bbls fresh h2o and per fluid down csg set 5-1/2 arrow set 1 per w/ 15000 tension w/ se at 5086 psn at 5080 xn nipple 5094 and ect at 5096 land tool w/ b-1 adapter falnge NU well head test. - RFT SU RD floor and tbg works strip off 5000 bops land tbg w/ b-1 adapter flange pump 50 bbls fresh h2o and per fluid down csg set 5-1/2 arrow set 1 per w/ 15000 tension w/ se at 5086 psn at 5080 xn nipple 5094 and ect at 5096 land tool w/ b-1 adapter falnge NU well head test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$35,333

12/18/2012 Day: 5

Conversion

Rigless on 12/18/2012 - Conduct initial MIT - On 12/11/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 12/13/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09336 - On 12/11/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 12/13/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA#

UT22197-09336 - On 12/11/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 12/13/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09336 - On 12/11/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 12/13/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09336 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$117,667

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76239
1. TYPE OF WELL Water Disposal Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: CANVASBACK 12-23-8-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1849 FSL 0673 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 23 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013323410000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/31/2013	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 1:30 PM on 01/31/2013. EPA # UT22197-09336</p> </div> <div style="width: 35%; text-align: center;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>FOR RECORD ONLY</p> <p>February 13, 2013</p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/1/2013	

Sundry Number: 34278 API Well Number: 43013323410000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-76239
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: CANVASBACK 12-23-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013323410000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1849 FSL 0673 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 23 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESENE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/31/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> CHANGE TUBING
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> SI TA STATUS EXTENSION
		<input type="checkbox"/> OTHER: <input type="text"/>
		<input type="checkbox"/> CASING REPAIR
		<input type="checkbox"/> CHANGE WELL NAME
		<input checked="" type="checkbox"/> CONVERT WELL TYPE
		<input type="checkbox"/> NEW CONSTRUCTION
		<input type="checkbox"/> PLUG BACK
		<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
		<input type="checkbox"/> TEMPORARY ABANDON
		<input type="checkbox"/> WATER DISPOSAL
		<input type="checkbox"/> APD EXTENSION
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 1:30 PM on 01/31/2013. EPA # UT22197-09336		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
		DATE 2/1/2013

RECEIVED: Feb. 01, 2013

Spud Date: 03/05/03
Put on Production: 04/01/03
GL: 5109' KB: 5121'

Canvasback 12-23-8-17

Initial Production: 61 BOPD,
63 MCFD, 27 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (304.08')
DEPTH LANDED: 310.08' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 10 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6403.42')
DEPTH LANDED: 6401.42'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 700'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 151 jts (5067.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5079.6' KB
ON/OFF TOOL AT: 5080.7'
ARROW #1 PACKER CE AT: 5085.84'
XO 2-3/8 x 2-7/8 J-55 AT: 5089.6'
TBG PUP 2-3/8 J-55 AT: 5090.2'
SEATING NIPPLE LANDED AT: 5094.3' KB
RE-ENTRY AT: 5095.4'
TOTAL STRING LENGTH: EOT @ 5095.84'

Cement Top @700'

SN @ 5080'
On Off Tool @ 5081'
Packer @ 5086'
SN Nipple @ 5094'
EOT @ 5096'

5137'-5144'

5209'-5214'

5242'-5245'

5382'-5389'

5961'-5966'

6039'-6045'

6066'-6073'

6077'-6083'

6135'-6139'

6182'-6187'

6253'-6266'

Top of Fill @ 6368'

PBTD @ 6378'

SHOE @ 6401'

TD @ 6425'

FRAC JOB

3/28/03 6135'-6266' **Frac CP 2,3 & 5 sands as follows:**
108,952# 20/40 sand in 801 bbls Viking I-25
fluid. Treated @ avg press of 1850 psi w/avg
rate of 25 BPM. ISIP 2175 psi. Calc flush:
6135 gal. Actual flush: 6090 gal.

3/28/03 5961'-6083' **Frac CP .5, & 1 & LOCD sands as follows:**
122,900# 20/40 sand in 886 bbls Viking I-25
fluid. Treated @ avg press of 2000 psi w/avg
rate of 24.7 BPM. ISIP-2270 psi. Calc flush:
5961 gal. Actual flush: 5880 gal.

3/28/03 5137'-5389' **Frac D and C sands as follows:**
58,417# 20/40 sand in 481 bbls Viking I-25
fluid. Treated @ avg press of 2050 psi w/avg
rate of 24.6 BPM. ISIP-2196 psi. Calc flush:
5137 gal. Actual flush: 5040 gal.

5/26/04 **Pump change.** Update rod and tubing details.

8/31/04 **Tubing leak.** Update rod and tubing details.

4-7-05 **Tubing leak.** Update rod and tubing details

05/03/06 **Tubing Leak.** Update rod and tubing details.

10/05/07 **Tubing Leak.** Update rod and tubing details.

2-20-08 **Parted rods.** Updated rod & tubing details.

12/12/12 **Convert to Injection Well**

12/13/12 **Conversion MIT Finalized** -- update tbg
detail

PERFORATION RECORD

03/27/03	6135'-6139'	4 JSPF	16 holes
03/27/03	6182'-6187'	4 JSPF	20 holes
03/27/03	6253'-6266'	4 JSPF	52 holes
03/28/03	5961'-5966'	4 JSPF	20 holes
03/28/03	6039'-6045'	4 JSPF	24 holes
03/28/03	6066'-6073'	4 JSPF	28 holes
03/28/03	6077'-6083'	4 JSPF	24 holes
03/28/03	5137'-5144'	4 JSPF	28 holes
03/28/03	5209'-5214'	4 JSPF	20 holes
03/28/03	5242'-5245'	4 JSPF	12 holes
03/28/03	5382'-5389'	4 JSPF	28 holes

NEWFIELD

Canvasback #12-23-8-17
1849' FSL & 673' FWL
NWSW Section 23-T8S-R17E
Duchesne County, Utah
API #43-013-32341; Lease #UTU-76239